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From: Michael A. Schaldenbrand

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16 Page Amendment Under 37 C.F.R. § 1.312 for:

Applicant(S): Guoming G. Zhu et al.

Attorney Docket No.: 46107-0098

Serial No.: 10/723,097

Filing Date: November 26, 2003

Examiner: Johnny H. Hoang

Group Art Unit: 3747

Title: IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION  
IONIZATION CURRENT SIGNALS

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Client Name: Visteon Corp.  
Client/Matter Number: 46107-98  
Attorney Number: [1139]  
Secretary/Ext.: CMWolfe/7545

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/723,097
	Filing Date	November 26, 2003
	First Named Inventor	Guoming G. Zhu
	Art Unit	3747
	Examiner Name	Johnny H. Hoang
Total Number of Pages in This Submission	Attorney Docket Number	46107-0098

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Amendment Under 37 C.F.R. § 1.312 (16 pages)
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael A. Schaldenbrand Dickinson Wright PLLC
Signature	<i>M. A. Schaldenbrand</i>
Date	March 14, 2005

## CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Christine M. Wolfe		
Signature	<i>Christine M. Wolfe</i>	Date	March 14, 2005

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*Patent*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Confirmation No. 1122

Application No.: 10/723,097 )  
Filing Date: November 26, 2003 )  
Applicant(s): Guoming G. Zhu et al. )  
Group Art Unit: 3747 )  
Examiner: Johnny H. Hoang )  
Title: IC Engine Diagnostic System Using )  
The Peak And Integration Ionization )  
Current Signals )  
Attorney Docket: 46107-0098 )

**AMENDMENT UNDER**  
**37 C.F.R. § 1.312**

**NOTICE OF ALLOWANCE**  
**DATED FEBRUARY 23, 2005**

Commissioner For Patents  
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Dear Sir:

Applicant hereby acknowledges receipt of the Notice of Allowance and Fee(s) Due mailed February 23, 2005.

Please amend the above-identified patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**A listing of the Claims** begins on page 3 of this paper.

**Remarks** being on page 16 of this paper.